
**CONSTRUCTION MANAGER'S
WEEKLY STATUS REPORT
FOR THE WEEK
10/30/08 – 11/5/08**

**RECONSTRUCTION OF BENNING ROAD, NE
FROM 14TH AND H STREET TO OKLAHOMA AVENUE
CONTRACT NO. POKA 2005 - C - 0031 – CB**



Placement of the free drain Base Course in the center lane east of Oklahoma Ave.



Benning Rd Reconstruction
Project Field Office
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EXECUTIVE SUMMARY

Project Description

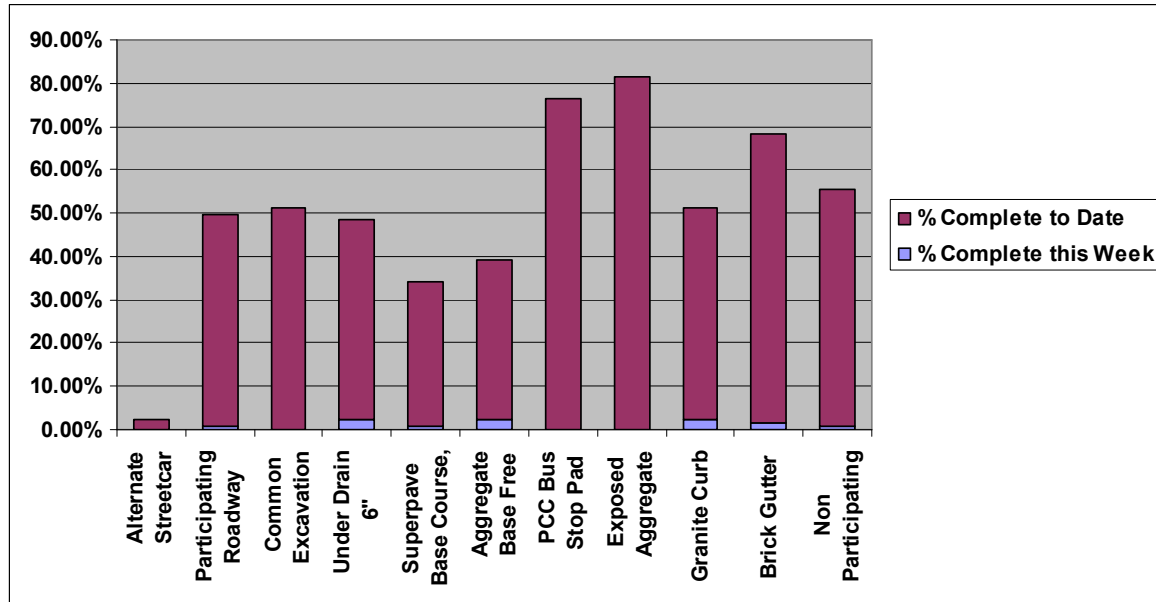
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14th and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3rd Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



WORK PERFORMED

For the week ending November 5, 2008, the following specific construction progress has been made in the areas listed:

1. Thursday 10/30:

Benning Road:

Excavation, compaction and the placement of the concrete for the installation of the concrete driveway on the south side at station 160+50. Excavation of the center lane from 23rd Street and 26th Street. Grading work and compaction of the graded aggregate base for the preparation of the roadway in the center lane between 18th Street and 19th Street. Compaction of the placed graded aggregate base for the roadway east of Oklahoma Ave. Placement of the 1st Lift of the 19mm super pave asphalt in the centerlane on the south side between 24th Street and 25th Street. Placement of the 1st Lift and 2nd Lift of the 19mm super pave asphalt in the centerlane on the south side between 23rd Street and 24th Street. Installation of granite curb and the installation of the brick gutter on the south side between 19th Street and 20th Street. Installation of the brick gutter at the intersection of 20th Street. Installation of 2 street lights L#7 and L#12; and the installation of the 28'-6" Pendant post on the south side between 20th Street and 21st Street. Installation of the electrical conduit , 5-4" and 3-2", at manhole #4, in the median at 16th Street. Installation of 3 street lights L#44, L#47 and L#48; and the installation of the 28'-6" Pendant post at 21st Street. Installation of one 20' tall steel traffic signal pole at the south east corner of 21st Street. Installation of 11.000LF of 4-4" electrical conduit at the manhole #87 on the south side at 26th Street. Excavation for and the installation of the 6" underdrain; Demolition of the roadway; & test pitting for Watermain "A" at the 1600 Block. Excavation for the trench for the installation of the 12" Ductile Iron Pipe for Watermain "A" at the 1500 Block. Placement of the temporary asphalt over the trenchline at the following locations (97+88 to 98+18), (98+58 to 98+94) and (98+94 to 99+10).

Bladensburg Rd N/B Lane:

Excavation work at the existing Watermain "I" pipe.

H Street West Bound Lane:

Installation of the temporary asphalt of the trenchline between Watermain "A" and "B".

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Installation of 90.000 LF of 10 Way 5" fiberglass electrical conduit. Test pitting work. Excavation work around an existing sewer line at manhole #3.



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2. Friday 10/31:

Benning Road:

Placement of the concrete for the installation of the track drain #11 at the intersection of 18th Street. Installation of the 28'-6" Pendant posts, L#93, L#99 and L#101, east of Oklahoma Ave. Excavation work and the installation of the formwork for the placement of the street light pole foundations for L#33, L#35 and L#37 between 19th Street and 20th Street. Installation the concrete encased electrical conduit on the west side of 16th Street at the median. Placement of the 25mm Free Drain Base Course between 26th Street and Oklahoma Ave. Installation of granite curb on the south side between 19th Street and 20th Street. Installation of the brick gutter on the south side between 18th Street and 19th Street. Installation of the 12" Ductile Iron Pipe on the south side at the intersection of 17th Street. Grading work and compaction of the grade of the aggregate base on the center lane at 24th Street. Compaction of the subgrade on the south side between 18th Street and 19th Street. Striping of the catch basin #15 on the south side at the intersection of 19th Street. Excavation of the roadway at the 1600 Block. Installation of the 6" Underdrain at the 1600 Block. Installation of the barrier walls (MOT) and the removal of lane markings at the 1600 block. Excavation for and the installation of the 12" Ductile Iron Pipe; and the backfill work and placement of the temporary asphalt on the 1500 Block.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Installation of the 10 way 5" fiberglass electrical conduit for the PEPCO Feederline.

Washington Gas:

Continuation of the excavation work for the installation of the gas line. Installation of 100LF of 6" Gasline.

3. Saturday 11/1:

Benning Road:

Excavation work for the installation of the 12" Ductile Iron Pipe for Watermain "A", the installation of the safety fence, placement of the PCC Barriers and demolition of the roadway on the south side on the 1500 Block near 16th Street. Excavation for and the installation of the concrete encased electrical conduit in the median at the intersection of 16th Street. Installation of the 6" underdrain, the placement of the PCC Barriers and the excavation of the roadway leading to the driveway on the south side at the 1600 block. Excavation work and the installation of the 12" Ductile Iron Pipe and the 45 degree bend on the south side at the 1700 Block. Backfill work and the removal and replacement of the conduit for L#19, L#21 and L#23 on the south Side at the 1700 Block. Excavation for the tie in of the watermain for watermain "A" at the intersection of 18th Street. Removal of the water valve casing at the intersection of 18th Street. Backfill work behind the curb and roadway excavation on the south side at the 1900 block. Formwork for the foundation of streetlights L#33, L#35 and L#37 on the south side at the 1900 block. Compaction work of the roadway preparation and performance of a passed density test at the intersection of 24th Street.



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4. Sunday 11/2:

No work completed.

5. Monday 11/3:

Benning Road:

Formwork and the placement of the concrete for the cast in place foundations for the street lights L#33, L#35 and L#37 between 19th Street and 20th Street. Completion of the placement of the 25mm asphalt in the center lane from stations 140+00 to 142+95. commencement of the placement of the 19mm super pave asphalt in the center lane between Oklahoma and 142+95. Completion of the roadway excavation on the south side between 19th Street and 20th Street. Excavation work for the 12" Ductile Iron Pipe at 20th Street. Excavation work for the placement of the fire hydrant on the south side at 19th Street. Excavation work, placement of the geo fabric and the placement of the graded aggregate base between 19th Street and 20th Street. Excavation work, placement of the geo fabric and the placement of the graded aggregate base at 26th Street. Installation of the 12" Ductile Iron Pipe at the intersection of 17th Street. Installation of the brick gutter between 19th Street and 20th Street. Installation of one 20' tall steel traffic signal pole at the south east corner of Oklahoma Ave. Installation of the 28'-6" Pendant posts, L#38 and L#34, at 20th Street and 19th Street respectively. Installation of the handbox and the installation of the concrete encased conduit at the median at 16th Street. Placement of the temporary asphalt over the electrical conduit trench. Installation of the galvanized steel transformer base at the north east corner of 16th Street. Excavation work for the 12" ductile iron pipe for Watermain "A" at the intersection of 17th Street. Excavation of the roadway, excavation work and the installation of the 12" Ductile Iron Pipe on the south side of the 1500 Block. Installation of the straight granite curb on the south side of the 1600 Block. Excavation work and the installation of the 6" underdrain from 103+88 to 104+64.

PEPCO work:

Continuation of work on Manhole #7. Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Commencement of the excavation for the test pits to locate the existing utilities.

6. Tuesday 11/4:

Benning Road:

Placement of the 25mm free drain base asphalt at the intersections of 26th Street and 24th Street and 23rd Street. 6" Undercut work for the roadway excavation for the fire hydrant installation from 19th Street to 20th Street. Installation of the 12" Ductile Iron Pipe at the intersection of the 17th street. Excavation and formwork for the installation of the electrical conduit at street light #17. Excavation for and the installation of the formwork for the placement of concrete for the street lights L#4, L#6 and L#8. Excavation for the roadway at the Watermain "A" at the 1500 Block. Excavation work and the installation of the 12" ductile Iron Pipe from station 99+38 to 99+62. Installation of the brick gutter on the south side at the 1600 block. Installation of the straight curb from 101+90 to 101+05 and from 101+18 to 101+91.



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Bladensburg Rd:

Installation and construction work performed on Watermain "I" pipe.

PEPCO work:

Continuation of the excavation of the trenching and the shoring of the trench. Continuation of the test pitting work at the gas main location. Installation of additional Fiberglass ductbank for the PEPCO Feederline. Excavation of the trench line for the installation of the feederline. Work also completed on the encasement of the installed ductbank.

Washington Gas:

Continuation of the test pitting work and the excavation work for the installation of the gas line.

7. Wednesday 11/5:

Benning Road:

Placement of the 1st lift of the 19mm super pave asphalt at the intersection of 26th Street, intersection of 24th Street and the intersection of 23rd Street. Placement of the second lift of the 19mm super pave asphalt at the intersection of 26th Street. Installation of the 12" Ductile Iron Pipe and the 12" Ductile Iron Pipe for Watermain "A" at the SWC of 17th Street. Excavation for the installation of the 12" Ductile Iron Pipe at 16th Street.

Bladensburg Rd:

Continuation of work for the installation of the Watermain "I" pipe.

PEPCO work:

Excavation of the trench line for the installation of the feederline. Continuation of the excavation of the trenching and the shoring of the trench. Continuation of the construction of manhole #3 and #7.

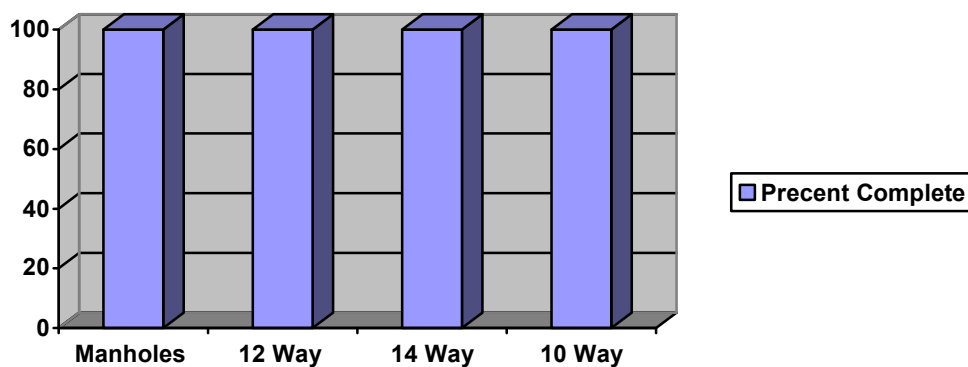
Utilities Reconstruction Update 11-5-08

PEPCO:

Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete: 100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete: 100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete: 100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete: 100%

- 73 feet additional 12 Way has been reported to be complete this week.



Issues and Resolutions:

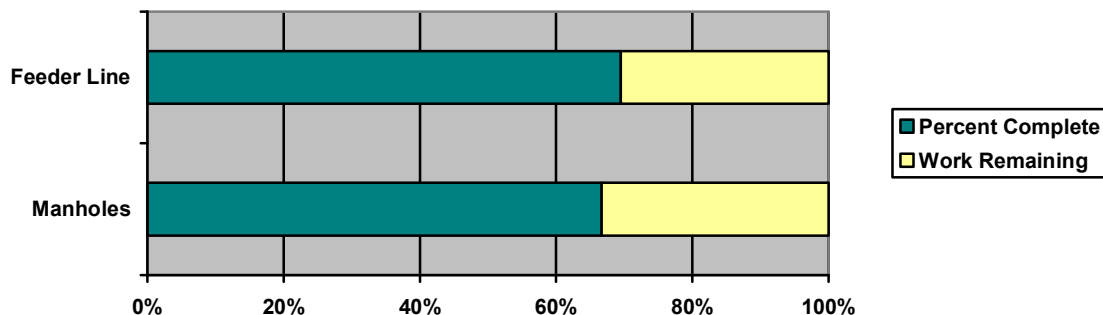
- The permanent MOT has been reinstalled for Capital Paving and Washington Gas to continue work on the south side. The completion of the gas main work is required in order for Capitol Paving work to be completed.
- PEPCO has completed the original Distribution Line Duct Bank Construction project.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work.
- Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.

- Work on the Starburst Area distribution line construction, between 14th Street and 16th Street, has yet to be started. The original project duration was from February 2009 to November 2009. Percent complete for this work is 0%.
- The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.

PEPCO Feeder Line Replacement:

4000' total feeder	2780 feet complete	69.5% complete
6 Manholes total	4 completed	66.7% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



- 250 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capital Paving has been reduced by 66% on a weekly basis.

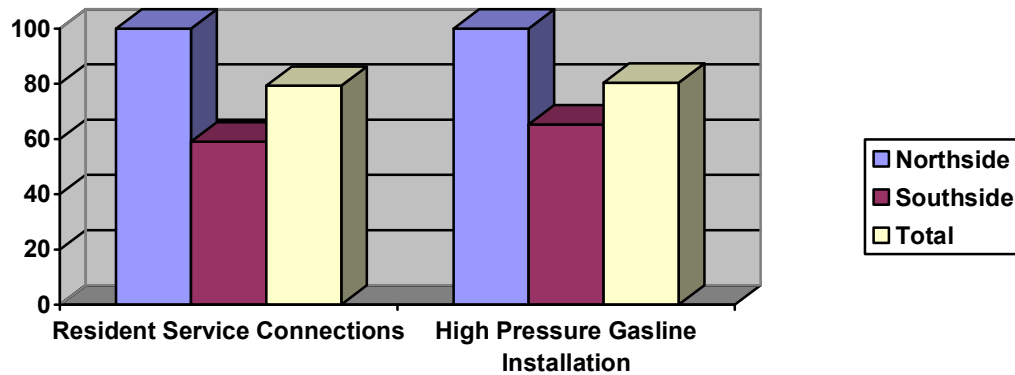
Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-09. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Project progress for the report period:

- Installation of approximately 100' of gas main was installed

Washington Gas: Percent of Work Completed



Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

Southside:

Completed Connections:	26	Total Connections	44	%Complete:	59.1%
Gas Main install complete:	2170'	Total Length	3325'	%Complete:	65.3%

Project Totals:

Completed Connections:	69	Total Connections	87	%Complete:	79.3%
Gas Main install complete:	3710'	Total Length	4615'	%Complete:	80.4%

Clear Channel:

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19th Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26th Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.



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Attachment A:

**RECONSTRUCTION OF BENNING ROAD N.E.
TWO WEEK LOOK AHEAD SCHEDULE
STARTING 10-27-08 TO 11-10-08**

Bladensburg Rd. & Morse St

- **10-27-08 Continue Watermain D & I (10 days)**

16th St & 1500 Benning S/S

- **10-27-08 Continue with Watermain A (10 days)**

1600 - 1900 blk Benning Rd. S/S

- **10-27-08 Granite curb (10 days)**
- **10-28-08 Brick gutter (9 days)**
- **10-30-08 Underdrain (6 days)**

17th St & 1700 Block Benning Rd. S/S

- **10-27-08 Continue with Watermain A (10 days)**

21st St to Project Limit (Metro overpass) S/S

- **10-27-08 Continue finish grade (2 days)**
- **10-27-08 Resume asphalt work (10 days)**

Nationwide Electrical Work

- **10-27-08 Continue electrical work between 21st St and Metro overpass**
- **10-27-08 Continue electrical work at 1600 – 1900 blk Benning S/S**
- **Set streetlight poles between 16th to 18th St. N/S and other**



Installation of Asphalt in center lane at 24th Street.



Installation of the sidewalk for the Anacostia Walkway Project.



Installation of Watermain "A" at the median at the 1600 block.



Installation of the Granite curb and the brick gutter on the south side on the 1700 Block.



Installation of a driveway entrance and granite curbs on the 1600 Block..



Installation of the granite curbs on the south side on the 1600 Block.